

AMENDMENTS TO THE CLAIMS

1. (Original) A cold stocker that uses a Stirling refrigerating engine to cool a compartment thereof, wherein

heat of a warm section of the Stirling engine is transferred to a refrigerant in a gas-liquid two-phase condition so as to be used for at least one of tasks of promoting evaporation in drainage, preventing dew condensation on a cold stocker wall, and defrosting of a compartment-cooling heat exchanger.

2. (Original) A cold stocker that uses a Stirling refrigerating engine to cool a compartment thereof, wherein

there are formed:

a first warm-side refrigerant circulation circuit for dissipating heat of a warm section of the Stirling engine outside the cold stocker; and

a second warm-side refrigerant circulation circuit for using the heat of the warm section for at least one of tasks of promoting evaporation in drainage, preventing dew condensation on a cold stocker wall, and defrosting of a compartment-cooling heat exchanger.

3. (Currently Amended) The cold stocker of claim 1 or claim 2,

wherein

the first warm-side refrigerant circulation circuit and the second warm-side circulation circuit are designed to be independent of each other.

4. (Currently Amended) The cold stocker of ~~one of the claims 1 to 3~~ claim 1,
wherein

in the first warm-side refrigerant circulation circuit, the refrigerant is allowed to circulate
naturally, and

in the second warm-side refrigerant circulation circuit, the refrigerant is made to circulate
forcibly.

Claims 5-15. (Canceled)

16. (New) The cold stocker of the claim 2,

wherein

the first warm-side refrigerant circulation circuit and the second warm-side circulation circuit are
designed to be independent of each other.

17. (New) The cold stocker of claim 2,

wherein

in the first warm-side refrigerant circulation circuit, the refrigerant is allowed to circulate
naturally, and

in the second warm-side refrigerant circulation circuit, the refrigerant is made to circulate
forcibly.

18. (New) The cold stocker of claim 3,

wherein

in the first warm-side refrigerant circulation circuit, the refrigerant is allowed to circulate naturally, and

in the second warm-side refrigerant circulation circuit, the refrigerant is made to circulate forcibly.